

Datasheet for ABIN7551815
NT5C1B Protein (AA 1-610) (His tag)



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Overview

Quantity:	1 mg
Target:	NT5C1B
Protein Characteristics:	AA 1-610
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This NT5C1B protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant NT5C1B Protein expressed in mammalian cells.
Sequence:	<p>MSQTSLKQKK NEPGMRSSKE SLEAEKRKES DKTGVRLSNQ MRRVNPNNHS LRCCPFQGHs</p> <p>SCRRCLCAAE GTALGPCHTI RIYIHMCLLW EQGQGITMMR GSQESSLRKT DSRGYLVRSQ</p> <p>WSRISRSPST KAPSIDEPRS RNTSAKLPSS STSSRTPSTS PSLHDSSPPP LSGQPSLQPP</p> <p>ASPQLPRSLD SRPPTPPEPD PGSRRSTKMQ ENPEAWAQGI VREIRQTRDS QPLEYSRTSP</p> <p>TEWKSSSQRR GIYPASTQLD RNSLSEQQQQ QREDEDDYEA AYWASMRSFY EKNPSCSRPW</p> <p>PPKPKNAITI ALSSCALFNM VDGRKIYEQE GLEKMEYQL TNEENVILTPG PAFRFVKALQ</p> <p>YVNARLRDLY PDEQDLFDIV LMTNNHAQVG VRLINSVNHY GLLIDRFCLT GGDPIGYLK</p> <p>AYLTNLYIAA DSEKVQEAQI EGIASATMFD GAKDMAYCDT QLRVAFDGDV VLFSDSEEHF</p> <p>TKEHGLDKFF QYDTLCEPKP LAQGPKLGFL EDLGRQLQKF YAKNERLLCP IRTYLVARS</p> <p>AASSGARVLK TLRRWGLEID EALFLAGAPK SPILVKIRPH IFFDDHMFHI EGAQRLGSIA</p> <p>AYGFNKKFSS Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag</p>

necessary. In case you have a special request, please contact us.

Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.</p>
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	NT5C1B
Alternative Name:	NT5C1B (NT5C1B Products)
Background:	Cytosolic 5'-nucleotidase 1B (cN1B) (EC 3.1.3.5) (Autoimmune infertility-related protein) (Cytosolic 5'-nucleotidase IB) (cN-IB),FUNCTION: Catalyzes the hydrolysis of nucleotide monophosphates, releasing inorganic phosphate and the corresponding nucleoside, AMP is the major substrate. {ECO:0000250 UniProtKB:Q91YE9}.
Molecular Weight:	68.8 kDa
UniProt:	Q96P26

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months